

TECHNICIAN'S CHECKLIST

SECTION 1500

UTILITIES - INSTALLATION

PROJECT: _____
 REVIEW DATE: _____

TECHNICIAN: _____
 REVIEWER: _____

ACTION	YES	NO	N/A	COMMENTS
Study the Specifications, plans, Special Provisions and Permits				
Verify that materials supplied are the same as those shown on the catalog cuts.				
Ensure pipe staking is correct.				
Observe pipe sections after delivery to the site. Record any joint or section rejected and the reason for the rejection. If unloading or handling is careless, notify the Contractor's supervisory personnel.				
Observe and check the Contractor's methods of foundation excavation and control of pipe grade, including pipe camber.				
If unsuitable material or rock is encountered, determine the method of conditioning to be used.				
Follow the provisions of subarticle 300-9 of the Specifications if undercut is encountered.				
Do not allow the use of any conditioning material until the method of material measurement and payment has been established and the material has been approved for use.				
Temporary water diversion is the responsibility of the Contractor. Ensure that it is adequate to prevent foundation damage.				
Check the construction of the shaped bedding.				
Insure that pipe is laid, joints made, and protected in accordance with Specification requirements.				
Check clearance between water lines and sewer lines. Make sure the proper clearances are maintained or ductile iron pipe is used in accordance with the Specifications. This is due to concerns over contamination of drinking water.				
Backfill is to be placed in 6-inch or less layers, unless otherwise authorized, with both sides brought up at the same time to levels that will prevent unbalanced loading on the sides.				
Perform density tests to verify that compaction is satisfactory.				
If select backfill material is required, be sure that this has been tested and approved prior to use.				
Make pavement repairs in accordance with details in the plans or the standard drawings.				
Pressure test, leak test, and sterilize water lines in accordance with the Specifications.				
Ensure manholes are constructed in accordance with the plans and Specifications.				
Ensure manhole inverts and drop assemblies are constructed in accordance with the Standards.				

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Conduct a preconstruction conference prior to performing trenchless construction to discuss the Contractor's method of installation that was designed by an Engineer licensed by the State of North Carolina.				
Monitor ground movement during trenchless construction for measuring settlement.				
It is the Contractor's responsibility to obtain and request the Engineer's observation for installations "not in soil".				